Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.032
Model:                            OLS   Adj. R-squared:                  0.026
Method:                 Least Squares   F-statistic:                     5.172
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00617
Time:                        12:07:18   Log-Likelihood:                -901.99
No. Observations:                 311   AIC:                             1810.
Df Residuals:                     308   BIC:                             1821.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                         coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                 10.7563      1.772      6.070      0.000       7.270      14.243
# of past defaults                    -0.2417      0.227     -1.064      0.288      -0.689       0.205
ln_GDP per capita (constant 2015 US$)    -0.6950      0.219     -3.173      0.002      -1.126      -0.264
==============================================================================
Omnibus:                      145.749   Durbin-Watson:                   2.038
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              555.260
Skew:                           2.082   Prob(JB):                    2.67e-121
Kurtosis:                       8.051   Cond. No.                         56.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 6.4310668522994385
LM P-Value: 0.2665034826025879
F Statistic: 1.2880337923369982
F P-Value: 0.26883750176080484

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.022
Model:                            OLS   Adj. R-squared:                  0.013
Method:                 Least Squares   F-statistic:                     2.438
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0897
Time:                        12:07:18   Log-Likelihood:                -646.07
No. Observations:                 222   AIC:                             1298.
Df Residuals:                     219   BIC:                             1308.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                             coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                      9.7861      2.151      4.551      0.000       5.548      14.025
Adjusted savings: gross savings (% of GNI)     0.0048      0.026      0.184      0.855      -0.047       0.057
ln_GDP per capita (constant 2015 US$)        -0.6134      0.280     -2.192      0.029      -1.165      -0.062
==============================================================================
Omnibus:                      117.315   Durbin-Watson:                   1.990
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              489.060
Skew:                           2.215   Prob(JB):                    6.34e-107
Kurtosis:                       8.766   Cond. No.                         164.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 1.7588462492560237
LM P-Value: 0.881404320741138
F Statistic: 0.3449952775576755
F P-Value: 0.8850966995232835

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:            length_db   R-squared:                       0.022
Model:                          OLS   Adj. R-squared:                  0.013
Method:               Least Squares   F-statistic:                     2.509
Date:              Wed, 30 Aug 2023   Prob (F-statistic):             0.0837
Time:                      12:07:18   Log-Likelihood:                -646.00
No. Observations:               222   AIC:                             1298.
Df Residuals:                   219   BIC:                             1308.
Df Model:                         2
Covariance Type:          nonrobust
==================================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                         9.7574      2.151      4.536      0.000       5.518      13.997
Adjusted savings: net national savings (% of GNI)     0.0105      0.025      0.415      0.679      -0.040       0.061
ln_GDP per capita (constant 2015 US$)              -0.6092      0.274     -2.221      0.027      -1.150      -0.069
==============================================================================
Omnibus:                      117.303   Durbin-Watson:                   1.995
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              489.731
Skew:                           2.214   Prob(JB):                    4.53e-107
Kurtosis:                       8.774   Cond. No.                         109.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.2175743531212406
LM P-Value: 0.8182934433029474
F Statistic: 0.435882040035162
F P-Value: 0.8232164658095333

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.115
Model:	OLS	Adj. R-squared:	0.054
Method:	Least Squares	F-statistic:	1.890
Date:	Wed, 30 Aug 2023	Prob (F-statistic):	0.169
Time:	12:07:19	Log-Likelihood:	-92.580
No. Observations:	32	AIC:	191.2
Df Residuals:	29	BIC:	195.6
Df Model:	2		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	6.7034	6.858	0.977	0.336	-7.322	20.729
Banking Crisis Dummy	5.1866	2.797	1.854	0.074	-0.534	10.907
ln_GDP per capita (constant 2015 US$)	-0.2931	0.747	-0.392	0.698	-1.822	1.235

Omnibus:	41.032	Durbin-Watson:	2.334
Prob(Omnibus):	0.000	Jarque-Bera (JB):	148.272
Skew:	2.743	Prob(JB):	6.35e-33
Kurtosis:	12.005	Cond. No.	78.3

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.693297708123005
LM P-Value: 0.6103879360665704
F Statistic: 0.6203277103227411
F P-Value: 0.6518957855730697

Regression Summary:

```
                          OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.028
Model:                            OLS   Adj. R-squared:                  0.021
Method:                 Least Squares   F-statistic:                     3.972
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0200
Time:                        12:07:19   Log-Likelihood:                -793.89
No. Observations:                 273   AIC:                             1594.
Df Residuals:                     270   BIC:                             1605.
Df Model:                           2
Covariance Type:                  HC3
=======================================================================================================
                                          coef    std err          z      P>|z|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------
const                                10.1399      2.182      4.648      0.000       5.864      14.416
Broad money growth (annual %)         0.0013      0.015      0.090      0.928      -0.027       0.030
ln_GDP per capita (constant 2015 US$)    -0.6707      0.262     -2.564      0.010      -1.183      -0.158
==============================================================================
Omnibus:                      143.788   Durbin-Watson:                   2.084
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              629.902
Skew:                           2.270   Prob(JB):                    1.65e-137
Kurtosis:                       8.896   Cond. No.                         214.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 11.68801682867185
LM P-Value: 0.03932198318612543
F Statistic: 2.3884863261010962
F P-Value: 0.038404111510112506

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.028
Model:                            OLS   Adj. R-squared:                  0.020
Method:                 Least Squares   F-statistic:                     3.554
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0301
Time:                        12:07:20   Log-Likelihood:                -712.65
No. Observations:                 251   AIC:                             1431.
Df Residuals:                     248   BIC:                             1442.
Df Model:                           2
Covariance Type:            nonrobust
========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------
const                                   7.9571      1.888      4.216      0.000       4.239      11.675
Broad money to total reserves ratio     0.0424      0.023      1.873      0.062      -0.002       0.087
ln_GDP per capita (constant 2015 US$)  -0.4435      0.239     -1.852      0.065      -0.915       0.028
==============================================================================
Omnibus:                      142.338   Durbin-Watson:                   2.035
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              719.077
Skew:                           2.371   Prob(JB):                    7.15e-157
Kurtosis:                       9.802   Cond. No.                         100.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.206238745685118
LM P-Value: 0.5201208801199326
F Statistic: 0.8351333416657332
F P-Value: 0.5258093039166092

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.147
Model:                            OLS   Adj. R-squared:                  0.118
Method:                 Least Squares   F-statistic:                     4.996
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00996
Time:                        12:07:20   Log-Likelihood:                -133.51
No. Observations:                  61   AIC:                             273.0
Df Residuals:                      58   BIC:                             279.4
Df Model:                           2
Covariance Type:            nonrobust
==============================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------------
const                                         1.2946      2.274      0.569      0.571      -3.257       5.846
Central government debt, total (% of GDP)     0.0257      0.009      2.986      0.004       0.008       0.043
ln_GDP per capita (constant 2015 US$)         0.1321      0.275      0.480      0.633      -0.419       0.683
==============================================================================
Omnibus:                       28.148   Durbin-Watson:                   2.051
Prob(Omnibus):                  0.000   Jarque-Bera (JB):               47.333
Skew:                           1.651   Prob(JB):                     5.27e-11
Kurtosis:                       5.779   Cond. No.                         486.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.1394222335367887
LM P-Value: 0.8295363733965417
F Statistic: 0.39982014213787287
F P-Value: 0.8468617272942813

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.030
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.247
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0153
Time:                        12:07:21   Log-Likelihood:                -815.88
No. Observations:                 281   AIC:                             1638.
Df Residuals:                     278   BIC:                             1649.
Df Model:                           2
Covariance Type:            nonrobust
=====================================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------------------
const                                         9.8255      1.788      5.496      0.000       6.306      13.345
Claims on central government, etc. (% GDP)    0.0149      0.015      0.985      0.326      -0.015       0.045
ln_GDP per capita (constant 2015 US$)        -0.6368      0.229     -2.779      0.006      -1.088      -0.186
==============================================================================
Omnibus:                      144.516   Durbin-Watson:                   2.050
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              619.117
Skew:                           2.227   Prob(JB):                    3.63e-135
Kurtosis:                       8.748   Cond. No.                         135.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.411773631632801
LM P-Value: 0.49177388095185715
F Statistic: 0.8772880643756658
F P-Value: 0.4967145302426076

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.051
Model:                            OLS   Adj. R-squared:                  0.043
Method:                 Least Squares   F-statistic:                     7.156
Date:                Wed, 30 Aug 2023   Prob (F-statistic):           0.000937
Time:                        12:07:22   Log-Likelihood:                -788.05
No. Observations:                 272   AIC:                             1582.
Df Residuals:                     269   BIC:                             1593.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================================
                                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------------------------------
const                                                  10.2578      1.856      5.528      0.000       6.605      13.911
Claims on private sector (annual growth as % of broad money)     0.0312      0.012      2.558      0.011       0.007       0.055
ln_GDP per capita (constant 2015 US$)                  -0.7359      0.241     -3.051      0.003      -1.211      -0.261
==============================================================================
Omnibus:                      135.565   Durbin-Watson:                   2.063
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              550.265
Skew:                           2.158   Prob(JB):                    3.25e-120
Kurtosis:                       8.470   Cond. No.                         182.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 8.269934691258328
LM P-Value: 0.1419730851962719
F Statistic: 1.6682228666644143
F P-Value: 0.14252235197169266

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.099
Model:                            OLS   Adj. R-squared:                  0.092
Method:                 Least Squares   F-statistic:                     13.85
Date:                Wed, 30 Aug 2023   Prob (F-statistic):           1.88e-06
Time:                        12:07:22   Log-Likelihood:                -776.99
No. Observations:                 272   AIC:                             1560.
Df Residuals:                     269   BIC:                             1571.
Df Model:                           2
Covariance Type:                  HC3
=========================================================================================================
                                            coef    std err          z      P>|z|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------
const                                    10.7803      1.922      5.609      0.000       7.013      14.548
Consumer price index (2010 = 100)        -0.0299      0.006     -4.691      0.000      -0.042      -0.017
ln_GDP per capita (constant 2015 US$)    -0.5010      0.231     -2.165      0.030      -0.955      -0.047
==============================================================================
Omnibus:                      129.857   Durbin-Watson:                   1.959
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              518.631
Skew:                           2.054   Prob(JB):                    2.40e-113
Kurtosis:                       8.374   Cond. No.                         528.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 14.828118615083467
LM P-Value: 0.011122570193344785
F Statistic: 3.0674267578333647
F P-Value: 0.010384665916746284

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.030
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.173
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0164
Time:                        12:07:23   Log-Likelihood:                -778.83
No. Observations:                 270   AIC:                             1564.
Df Residuals:                     267   BIC:                             1574.
Df Model:                           2
Covariance Type:            nonrobust
=======================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------
const                                   9.1988      1.823      5.046      0.000       5.610      12.788
Current Account balance (% of GDP)     -0.0500      0.033     -1.523      0.129      -0.115       0.015
ln_GDP per capita (constant 2015 US$)  -0.5846      0.231     -2.527      0.012      -1.040      -0.129
==============================================================================
Omnibus:                      141.002   Durbin-Watson:                   2.001
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              625.243
Skew:                           2.234   Prob(JB):                   1.70e-136
Kurtosis:                       8.968   Cond. No.                         83.3
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.320172699291465
LM P-Value: 0.6507546961050981
F Statistic: 0.6573617520942638
F P-Value: 0.6561364320714012

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.052
Model:                            OLS   Adj. R-squared:                  0.017
Method:                 Least Squares   F-statistic:                     1.483
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.236
Time:                        12:07:23   Log-Likelihood:                -135.05
No. Observations:                  57   AIC:                             276.1
Df Residuals:                      54   BIC:                             282.2
Df Model:                           2
Covariance Type:            nonrobust
=====================================================================================================
                                                 coef    std err          t      P>|t|      [0.025      0.975]
-----------------------------------------------------------------------------------------------------
const                                          7.6586      3.910      1.959      0.055      -0.181      15.498
Cyclically adjusted balance (% of potential GDP)    -0.1200      0.083     -1.452      0.152      -0.286       0.046
ln_GDP per capita (constant 2015 US$)             -0.4810      0.440     -1.092      0.280      -1.364       0.402
==============================================================================
Omnibus:                       31.897   Durbin-Watson:                   1.276
Prob(Omnibus):                  0.000   Jarque-Bera (JB):               61.423
Skew:                           1.856   Prob(JB):                     4.59e-14
Kurtosis:                       6.476   Cond. No.                         111.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.3860068105846994
LM P-Value: 0.7935561436801833
F Statistic: 0.445623329236448
F P-Value: 0.8144529587675232

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.075
Model:                            OLS   Adj. R-squared:                  0.040
Method:                 Least Squares   F-statistic:                     2.134
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.128
Time:                        12:07:23   Log-Likelihood:                -132.50
No. Observations:                  56   AIC:                             271.0
Df Residuals:                      53   BIC:                             277.1
Df Model:                           2
Covariance Type:            nonrobust
===================================================================================================================
                                                    coef    std err          t      P>|t|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------------
const                                             7.7591      3.930      1.974      0.054      -0.123      15.641
Cyclically adjusted primary balance (% of potential GDP)    -0.1606      0.087     -1.846      0.070      -0.335       0.014
ln_GDP per capita (constant 2015 US$)                      -0.4704      0.440     -1.069      0.290      -1.353       0.412
==============================================================================
Omnibus:                       33.371   Durbin-Watson:                   1.197
Prob(Omnibus):                  0.000   Jarque-Bera (JB):               69.085
Skew:                           1.913   Prob(JB):                     9.96e-16
Kurtosis:                       6.870   Cond. No.                         102.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.893822983905582
LM P-Value: 0.7163510255837502
F Statistic: 0.5449126912352548
F P-Value: 0.7413339533067678

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.019
Model:	OLS	Adj. R-squared:	0.011
Method:	Least Squares	F-statistic:	2.355
Date:	Wed, 30 Aug 2023	Prob (F-statistic):	0.0971
Time:	12:07:24	Log-Likelihood:	-714.73
No. Observations:	242	AIC:	1435.
Df Residuals:	239	BIC:	1446.
Df Model:	2		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	7.3789	2.953	2.498	0.013	1.561	13.197
ln_Debt service on external debt, total (TDS, current US$)	0.1675	0.145	1.156	0.249	-0.118	0.453
ln_GDP per capita (constant 2015 US$)	-0.7160	0.335	-2.136	0.034	-1.376	-0.056

Omnibus:	116.383	Durbin-Watson:	2.139
Prob(Omnibus):	0.000	Jarque-Bera (JB):	415.702
Skew:	2.094	Prob(JB):	5.39e-91
Kurtosis:	7.867	Cond. No.	203.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.3604175681517754
LM P-Value: 0.6446052379233675
F Statistic: 0.6646496260194413
F P-Value: 0.6506333167706629

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.034
Model:                            OLS   Adj. R-squared:                  0.026
Method:                 Least Squares   F-statistic:                     4.195
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0162
Time:                        12:07:24   Log-Likelihood:                -694.79
No. Observations:                 239   AIC:                             1396.
Df Residuals:                     236   BIC:                             1406.
Df Model:                           2
Covariance Type:            nonrobust
===================================================================================================================
                                                 coef    std err          t      P>|t|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------------
const                                         10.5365      2.196      4.797      0.000       6.209      14.864
Domestic credit to private sector (% of GDP)     0.0014      0.011      0.128      0.898      -0.020       0.023
ln_GDP per capita (constant 2015 US$)          -0.7194      0.309     -2.326      0.021      -1.329      -0.110
==============================================================================
Omnibus:                      127.245   Durbin-Watson:                   1.998
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              549.550
Skew:                           2.251   Prob(JB):                    4.64e-120
Kurtosis:                       8.909   Cond. No.                         351.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.095876644354963
LM P-Value: 0.6852072577593902
F Statistic: 0.6115529036745383
F P-Value: 0.6911426421569354

Regression Summary:

```
                           OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.029
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.590
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0109
Time:                        12:07:25   Log-Likelihood:                -902.56
No. Observations:                 311   AIC:                             1811.
Df Residuals:                     308   BIC:                             1822.
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                  10.1690      1.781      5.710      0.000       6.665      13.673
Dummy for past default                  0.0090      0.525      0.017      0.986      -1.024       1.042
ln_GDP per capita (constant 2015 US$)  -0.6546      0.218     -2.999      0.003      -1.084      -0.225
==============================================================================
Omnibus:                      145.920   Durbin-Watson:                   2.025
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              555.120
Skew:                           2.086   Prob(JB):                    2.87e-121
Kurtosis:                       8.044   Cond. No.                         56.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 7.371130946256611
LM P-Value: 0.11752797765000512
F Statistic: 1.8571735920434451
F P-Value: 0.11786473234092243

Regression Summary:

```
                    OLS Regression Results
==============================================================================
Dep. Variable:            length_db   R-squared:                       0.054
Model:                          OLS   Adj. R-squared:                  0.047
Method:               Least Squares   F-statistic:                     7.503
Date:              Wed, 30 Aug 2023   Prob (F-statistic):           0.000678
Time:                      12:07:25   Log-Likelihood:                -774.70
No. Observations:               265   AIC:                             1555.
Df Residuals:                   262   BIC:                             1566.
Df Model:                         2
Covariance Type:          nonrobust
==========================================================================================================
                                              coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                       9.4440      1.982      4.766      0.000       5.542      13.346
Exports of goods and services (% of GDP)   -0.0440      0.016     -2.742      0.007      -0.076      -0.012
ln_GDP per capita (constant 2015 US$)      -0.3662      0.274     -1.337      0.182      -0.906       0.173
==============================================================================
Omnibus:                      122.155   Durbin-Watson:                   2.124
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              429.375
Skew:                           2.032   Prob(JB):                     5.79e-94
Kurtosis:                       7.730   Cond. No.                         269.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.944618018590172
LM P-Value: 0.3116451882319353
F Statistic: 1.1886694304813472
F P-Value: 0.3150678771886135

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.025
Model:                            OLS   Adj. R-squared:                  0.016
Method:                 Least Squares   F-statistic:                     2.720
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0682
Time:                        12:07:25   Log-Likelihood:                -626.52
No. Observations:                 216   AIC:                             1259.
Df Residuals:                     213   BIC:                             1269.
Df Model:                           2
Covariance Type:            nonrobust
==============================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------------
const                                         9.4217      2.086      4.517      0.000       5.310      13.533
Exports of goods and services (annual % growth)    -0.0190      0.014     -1.384      0.168      -0.046       0.008
ln_GDP per capita (constant 2015 US$)             -0.5329      0.266     -2.007      0.046      -1.056      -0.010
==============================================================================
Omnibus:                      110.158   Durbin-Watson:                   2.119
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              426.252
Skew:                           2.149   Prob(JB):                     2.76e-93
Kurtosis:                       8.375   Cond. No.                         162.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.5632479639789665
LM P-Value: 0.6138397610516464
F Statistic: 0.7044751581484385
F P-Value: 0.6206644095596193

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.027
Model:                            OLS   Adj. R-squared:                  0.020
Method:                 Least Squares   F-statistic:                     3.663
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0270
Time:                        12:07:26   Log-Likelihood:                -778.42
No. Observations:                 265   AIC:                             1563.
Df Residuals:                     262   BIC:                             1574.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                        10.6352      2.089      5.091      0.000       6.522      14.749
External balance on goods and services (% of GDP)     0.0040      0.019      0.212      0.833      -0.033       0.041
ln_GDP per capita (constant 2015 US$)                -0.6942      0.260     -2.668      0.008      -1.207      -0.182
==============================================================================
Omnibus:                      125.122   Durbin-Watson:                   2.085
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              447.680
Skew:                           2.082   Prob(JB):                     6.13e-98
Kurtosis:                       7.817   Cond. No.                         142.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.979025426486352
LM P-Value: 0.5524397260165859
F Statistic: 0.789643504430112
F P-Value: 0.5579355778821968

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.015
Model:                            OLS   Adj. R-squared:                  0.006
Method:                 Least Squares   F-statistic:                     1.779
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.171
Time:                        12:07:26   Log-Likelihood:                -715.80
No. Observations:                 242   AIC:                             1438.
Df Residuals:                     239   BIC:                             1448.
Df Model:                           2
Covariance Type:            nonrobust
====================================================================================================
                                        coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------
const                                 9.4740      2.436      3.890      0.000       4.676      14.272
External debt stocks (% of GNI)       0.0010      0.005      0.198      0.843      -0.009       0.011
ln_GDP per capita (constant 2015 US$)    -0.5755      0.316     -1.819      0.070      -1.199       0.048
==============================================================================
Omnibus:                      116.662   Durbin-Watson:                   2.124
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              416.861
Skew:                           2.100   Prob(JB):                     3.02e-91
Kurtosis:                       7.868   Cond. No.                         705.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.9648651044080885
LM P-Value: 0.7054027588231238
F Statistic: 0.5854437800082676
F P-Value: 0.7111406592067706

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.011
Model:                            OLS   Adj. R-squared:                  0.003
Method:                 Least Squares   F-statistic:                     1.740
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.178
Time:                        12:07:27   Log-Likelihood:                -611.17
No. Observations:                 240   AIC:                             1228.
Df Residuals:                     237   BIC:                             1239.
Df Model:                           2
Covariance Type:                  HC3
=======================================================================================================
                                           coef    std err          z      P>|z|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------
const                                    6.9050      1.553      4.445      0.000       3.860       9.950
Food Price Index                        -0.0151      0.013     -1.149      0.251      -0.041       0.011
ln_GDP per capita (constant 2015 US$)   -0.1766      0.179     -0.989      0.323      -0.527       0.173
==============================================================================
Omnibus:                       76.878   Durbin-Watson:                   1.648
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              156.749
Skew:                           1.614   Prob(JB):                     9.17e-35
Kurtosis:                       5.291   Cond. No.                         781.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 11.42275445762758
LM P-Value: 0.04361320713116986
F Statistic: 2.3387494557846207
F P-Value: 0.042591153080134454

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.002
Model:                            OLS   Adj. R-squared:                 -0.006
Method:                 Least Squares   F-statistic:                    0.2642
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.768
Time:                        12:07:27   Log-Likelihood:                -579.69
No. Observations:                 233   AIC:                             1165.
Df Residuals:                     230   BIC:                             1176.
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================
                                            coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                     4.9592      1.331      3.727      0.000       2.338       7.581
Food Price Index (% change)              -0.0379      1.922     -0.020      0.984      -3.826       3.750
ln_GDP per capita (constant 2015 US$)    -0.1222      0.169     -0.723      0.471      -0.455       0.211
==============================================================================
Omnibus:                       91.118   Durbin-Watson:                   1.605
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              234.434
Skew:                           1.813   Prob(JB):                     1.24e-51
Kurtosis:                       6.316   Cond. No.                         79.6
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.671404812311102
LM P-Value: 0.33951646533125934
F Statistic: 1.132641400728053
F P-Value: 0.3438470865549925

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.032
Model:                            OLS   Adj. R-squared:                  0.025
Method:                 Least Squares   F-statistic:                     4.867
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00832
Time:                        12:07:28   Log-Likelihood:                -865.02
No. Observations:                 299   AIC:                             1736.
Df Residuals:                     296   BIC:                             1747.
Df Model:                           2
Covariance Type:            nonrobust
================================================================================================================
                                                 coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------------
const                                          9.9636      1.730      5.761      0.000       6.560      13.367
Foreign direct investment, net inflows (% of GDP)    -0.0156      0.025     -0.626      0.532      -0.065       0.033
ln_GDP per capita (constant 2015 US$)         -0.6334      0.224     -2.831      0.005      -1.074      -0.193
==============================================================================
Omnibus:                      151.918   Durbin-Watson:                   2.087
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              648.824
Skew:                           2.218   Prob(JB):                    1.29e-141
Kurtosis:                       8.692   Cond. No.                         83.3
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.168371710767433
LM P-Value: 0.3956795572581376
F Statistic: 1.0307487455123274
F P-Value: 0.39962703349546064

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.029
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.615
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0106
Time:                        12:07:28   Log-Likelihood:                -902.53
No. Observations:                 311   AIC:                             1811.
Df Residuals:                     308   BIC:                             1822.
Df Model:                           2
Covariance Type:            nonrobust
===============================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------------
const                                    9.5675      3.247      2.947      0.003       3.179      15.956
ln_GDP (constant 2015 US$)               0.0307      0.139      0.220      0.826      -0.244       0.305
ln_GDP per capita (constant 2015 US$)   -0.6676      0.223     -2.987      0.003      -1.107      -0.228
==============================================================================
Omnibus:                      145.776   Durbin-Watson:                   2.028
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              553.694
Skew:                           2.084   Prob(JB):                    5.85e-121
Kurtosis:                       8.035   Cond. No.                         315.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.458615788198229
LM P-Value: 0.48543952527365597
F Statistic: 0.8872392997748515
F P-Value: 0.4898671062926877

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.056
Model:                           OLS   Adj. R-squared:                  0.049
Method:                Least Squares   F-statistic:                     9.002
Date:               Wed, 30 Aug 2023   Prob (F-statistic):           0.000159
Time:                       12:07:29   Log-Likelihood:                -893.31
No. Observations:                309   AIC:                             1793.
Df Residuals:                    306   BIC:                             1804.
Df Model:                          2
Covariance Type:           nonrobust
====================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------
const                                   11.4251      1.725      6.622      0.000       8.030      14.820
GDP growth (annual %)                   -0.1182      0.042     -2.840      0.005      -0.200      -0.036
ln_GDP per capita (constant 2015 US$)   -0.7561      0.217     -3.482      0.001      -1.183      -0.329
==============================================================================
Omnibus:                     151.124   Durbin-Watson:                   2.042
Prob(Omnibus):                 0.000   Jarque-Bera (JB):              628.378
Skew:                          2.141   Prob(JB):                    3.54e-137
Kurtosis:                      8.520   Cond. No.                         64.6
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.6079327219616166
LM P-Value: 0.6071226241370673
F Statistic: 0.7159345195165683
F P-Value: 0.6118814373984773

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.031
Model:                            OLS   Adj. R-squared:                  0.025
Method:                 Least Squares   F-statistic:                     4.930
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00780
Time:                        12:07:29   Log-Likelihood:                -902.22
No. Observations:                 311   AIC:                             1810.
Df Residuals:                     308   BIC:                             1822.
Df Model:                           2
Covariance Type:            nonrobust
===========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
-----------------------------------------------------------------------------------------------------------
const                                  10.9073      1.911      5.708      0.000       7.147      14.667
GDP growth China (annual %)            -0.0788      0.097     -0.814      0.417      -0.269       0.112
ln_GDP per capita (constant 2015 US$)  -0.6501      0.216     -3.008      0.003      -1.075      -0.225
==============================================================================
Omnibus:                      147.159   Durbin-Watson:                   2.034
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              570.801
Skew:                           2.096   Prob(JB):                    1.13e-124
Kurtosis:                       8.145   Cond. No.                         97.0
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 8.347850518112848
LM P-Value: 0.13807828723606588
F Statistic: 1.6825219397140272
F P-Value: 0.13849983181150277

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.030
Model:                           OLS   Adj. R-squared:                  0.023
Method:                Least Squares   F-statistic:                     4.713
Date:               Wed, 30 Aug 2023   Prob (F-statistic):            0.00964
Time:                       12:07:29   Log-Likelihood:                -902.43
No. Observations:                311   AIC:                             1811.
Df Residuals:                    308   BIC:                             1822.
Df Model:                          2
Covariance Type:           nonrobust
========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------
const                                   9.9573      1.749      5.694      0.000       6.516      13.398
GDP growth USA (annual %)               0.0592      0.121      0.489      0.625      -0.179       0.297
ln_GDP per capita (constant 2015 US$)  -0.6442      0.217     -2.965      0.003      -1.072      -0.217
==============================================================================
Omnibus:                      144.979   Durbin-Watson:                   2.011
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              545.697
Skew:                           2.075   Prob(JB):                    3.19e-119
Kurtosis:                       7.988   Cond. No.                         57.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 7.294227148657642
LM P-Value: 0.19966166436200164
F Statistic: 1.4650622274668108
F P-Value: 0.20103402015357838

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.032
Model:                            OLS   Adj. R-squared:                  0.024
Method:                 Least Squares   F-statistic:                     4.112
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0175
Time:                        12:07:30   Log-Likelihood:                -746.51
No. Observations:                 253   AIC:                             1499.
Df Residuals:                     250   BIC:                             1510.
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================================
                                                                coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------------------------
const                                                        10.7038      2.028      5.277      0.000       6.709      14.698
General government final consumption expenditure (% of GDP)      0.0381      0.050      0.769      0.443      -0.059       0.136
ln_GDP per capita (constant 2015 US$)                        -0.7715      0.269     -2.867      0.004      -1.301      -0.242
==============================================================================
Omnibus:                      116.190   Durbin-Watson:                   2.110
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              394.214
Skew:                           2.027   Prob(JB):                     2.50e-86
Kurtosis:                       7.578   Cond. No.                         125.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.1758599761860373
LM P-Value: 0.6728943033658761
F Statistic: 0.6279916857059324
F P-Value: 0.6785580394020861

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.019
Model:                            OLS   Adj. R-squared:                  0.009
Method:                 Least Squares   F-statistic:                     1.864
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.158
Time:                        12:07:30   Log-Likelihood:                -580.40
No. Observations:                 198   AIC:                             1167.
Df Residuals:                     195   BIC:                             1177.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================================
                                                               coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------------------------------
const                                                        9.3805      2.260      4.151      0.000       4.924      13.837
General government final consumption expenditure (annual % growth)     0.0054      0.034      0.157      0.875      -0.063       0.073
ln_GDP per capita (constant 2015 US$)                       -0.5315      0.284     -1.871      0.063      -1.092       0.029
==============================================================================
Omnibus:                       97.840   Durbin-Watson:                   2.177
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              341.757
Skew:                           2.087   Prob(JB):                     6.14e-75
Kurtosis:                       7.900   Cond. No.                         81.0
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.238697920047434
LM P-Value: 0.8152270148389689
F Statistic: 0.43913684275920456
F P-Value: 0.8208051715912779

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.018
Model:                           OLS   Adj. R-squared:                  0.006
Method:                Least Squares   F-statistic:                     1.503
Date:               Wed, 30 Aug 2023   Prob (F-statistic):              0.226
Time:                       12:07:31   Log-Likelihood:                -395.17
No. Observations:                167   AIC:                             796.3
Df Residuals:                    164   BIC:                             805.7
Df Model:                          2
Covariance Type:           nonrobust
========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------
const                                   7.3438      2.081      3.529      0.001       3.235      11.453
Government Effectiveness                0.5804      0.426      1.362      0.175      -0.261       1.422
ln_GDP per capita (constant 2015 US$)  -0.4270      0.247     -1.726      0.086      -0.916       0.061
==============================================================================
Omnibus:                       64.520   Durbin-Watson:                   1.737
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              141.951
Skew:                           1.774   Prob(JB):                     1.50e-31
Kurtosis:                       5.794   Cond. No.                         83.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.5718518858336616
LM P-Value: 0.6125445021521652
F Statistic: 0.7037565563277283
F P-Value: 0.6214007927115972

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.029
Model:                            OLS   Adj. R-squared:                  0.021
Method:                 Least Squares   F-statistic:                     3.821
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0231
Time:                        12:07:31   Log-Likelihood:                -769.35
No. Observations:                 261   AIC:                             1545.
Df Residuals:                     258   BIC:                             1555.
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                  10.7212      2.004      5.351      0.000       6.776      14.667
Gross capital formation (% of GDP)     -0.0188      0.029     -0.655      0.513      -0.075       0.038
ln_GDP per capita (constant 2015 US$)  -0.6425      0.264     -2.438      0.015      -1.161      -0.124
==============================================================================
Omnibus:                      117.585   Durbin-Watson:                   2.094
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              389.751
Skew:                           2.006   Prob(JB):                     2.33e-85
Kurtosis:                       7.442   Cond. No.                         189.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.349521937042327
LM P-Value: 0.5002656499865462
F Statistic: 0.8643101718078399
F P-Value: 0.5056369180549006

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.001
Model:                            OLS   Adj. R-squared:                 -0.010
Method:                 Least Squares   F-statistic:                   0.08529
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.918
Time:                        12:07:31   Log-Likelihood:                -441.17
No. Observations:                 182   AIC:                             888.3
Df Residuals:                     179   BIC:                             898.0
Df Model:                           2
Covariance Type:                  HC3
=========================================================================================================
                                            coef    std err          z      P>|z|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------
const                                     3.6491      1.473      2.478      0.013       0.763       6.535
Gross debt (% of GDP)                     0.0017      0.004      0.385      0.700      -0.007       0.010
ln_GDP per capita (constant 2015 US$)     0.0055      0.173      0.032      0.975      -0.334       0.345
==============================================================================
Omnibus:                       91.787   Durbin-Watson:                   1.694
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              324.404
Skew:                           2.088   Prob(JB):                     3.60e-71
Kurtosis:                       8.033   Cond. No.                         547.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 13.122389050525294
LM P-Value: 0.02225845041297181
F Statistic: 2.7351647857967714
F P-Value: 0.020877302189729 89

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:            length_db   R-squared:                       0.031
Model:                          OLS   Adj. R-squared:                  0.023
Method:               Least Squares   F-statistic:                     4.054
Date:              Wed, 30 Aug 2023   Prob (F-statistic):             0.0185
Time:                      12:07:32   Log-Likelihood:                -748.50
No. Observations:               256   AIC:                             1503.
Df Residuals:                   253   BIC:                             1514.
Df Model:                         2
Covariance Type:          nonrobust
=========================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------
const                                   10.9567      2.027      5.404      0.000       6.964      14.949
Gross domestic savings (% of GDP)        0.0115      0.019      0.621      0.535      -0.025       0.048
ln_GDP per capita (constant 2015 US$)   -0.7591      0.270     -2.815      0.005      -1.290      -0.228
==============================================================================
Omnibus:                      120.979   Durbin-Watson:                   2.070
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              437.802
Skew:                           2.064   Prob(JB):                     8.56e-96
Kurtosis:                       7.900   Cond. No.                         165.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.063125443568822
LM P-Value: 0.5403637295080375
F Statistic: 0.8063776790758622
F P-Value: 0.5460185330280461

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.033
Model:                            OLS   Adj. R-squared:                  0.025
Method:                 Least Squares   F-statistic:                     4.267
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0150
Time:                        12:07:33   Log-Likelihood:                -743.28
No. Observations:                 254   AIC:                             1493.
Df Residuals:                     251   BIC:                             1503.
Df Model:                           2
Covariance Type:            nonrobust
=============================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------
const                                  12.7161      3.351      3.795      0.000       6.116      19.316
Gross national expenditure (% of GDP)  -0.0142      0.021     -0.690      0.491      -0.055       0.026
ln_GDP per capita (constant 2015 US$)  -0.7624      0.261     -2.921      0.004      -1.276      -0.248
==============================================================================
Omnibus:                      118.691   Durbin-Watson:                   2.070
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              420.529
Skew:                           2.045   Prob(JB):                     4.82e-92
Kurtosis:                       7.797   Cond. No.                     1.30e+03
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
[2] The condition number is large, 1.3e+03. This might indicate that there are
strong multicollinearity or other numerical problems.
```

White Test Results:

```
LM Statistic: 4.563405346222919
LM P-Value: 0.4714451017504362
F Statistic: 0.9074246122018602
F P-Value: 0.47678416949564484
```

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.048
Model:                            OLS   Adj. R-squared:                  0.041
Method:                 Least Squares   F-statistic:                     6.614
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00158
Time:                        12:07:33   Log-Likelihood:                -775.55
No. Observations:                 265   AIC:                             1557.
Df Residuals:                     262   BIC:                             1568.
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                   10.8938      1.958      5.564      0.000       7.038      14.749
Imports of goods and services (% of GDP)    -0.0320      0.013     -2.405      0.017      -0.058      -0.006
ln_GDP per capita (constant 2015 US$)       -0.5605      0.254     -2.202      0.029      -1.062      -0.059
==============================================================================
Omnibus:                      122.864   Durbin-Watson:                   2.106
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              434.552
Skew:                           2.043   Prob(JB):                     4.35e-95
Kurtosis:                       7.761   Cond. No.                         336.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.882403281905086
LM P-Value: 0.4303999274986573
F Statistic: 0.9722852017457932
F P-Value: 0.43519472676891213

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.033
Model:                            OLS   Adj. R-squared:                  0.024
Method:                 Least Squares   F-statistic:                     3.667
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0272
Time:                        12:07:34   Log-Likelihood:                -625.59
No. Observations:                 216   AIC:                             1257.
Df Residuals:                     213   BIC:                             1267.
Df Model:                           2
Covariance Type:            nonrobust
==============================================================================================================
                                                   coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------------
const                                            9.5112      2.072      4.591      0.000       5.428      13.595
Imports of goods and services (annual % growth)    -0.0378      0.019     -1.944      0.053      -0.076       0.001
ln_GDP per capita (constant 2015 US$)             -0.5386      0.264     -2.041      0.043      -1.059      -0.018
==============================================================================
Omnibus:                      110.655   Durbin-Watson:                   2.149
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              432.333
Skew:                           2.155   Prob(JB):                     1.32e-94
Kurtosis:                       8.428   Cond. No.                         114.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 1.3249835419310596
LM P-Value: 0.9323400158500526
F Statistic: 0.25922582738906774
F P-Value: 0.9347932125690124

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.032
Model:                            OLS   Adj. R-squared:                  0.025
Method:                 Least Squares   F-statistic:                     4.410
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0131
Time:                        12:07:34   Log-Likelihood:                -763.60
No. Observations:                 266   AIC:                             1533.
Df Residuals:                     263   BIC:                             1544.
Df Model:                           2
Covariance Type:            nonrobust
=====================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
-----------------------------------------------------------------------------------------------------
const                                   10.1420      1.790      5.665      0.000       6.617      13.667
Inflation, consumer prices (annual %)   -0.0121      0.019     -0.625      0.532      -0.050       0.026
ln_GDP per capita (constant 2015 US$)   -0.6611      0.225     -2.932      0.004      -1.105      -0.217
==============================================================================
Omnibus:                      136.181   Durbin-Watson:                   1.975
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              577.160
Skew:                           2.198   Prob(JB):                    4.69e-126
Kurtosis:                       8.723   Cond. No.                         118.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

```
LM Statistic: 6.220372344834853
LM P-Value: 0.2853625302764754
F Statistic: 1.2451298235009254
F P-Value: 0.28838782803248836
```

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.037
Model:                            OLS   Adj. R-squared:                  0.022
Method:                 Least Squares   F-statistic:                     2.115
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.125
Time:                        12:07:34   Log-Likelihood:                -331.22
No. Observations:                 132   AIC:                             668.4
Df Residuals:                     129   BIC:                             677.1
Df Model:                           2
Covariance Type:                  HC3
======================================================================================================
                                           coef    std err          z      P>|z|      [0.025      0.975]
------------------------------------------------------------------------------------------------------
const                                    2.3969      1.523      1.574      0.115      -0.588       5.381
Interest payments (% of revenue)         0.0476      0.023      2.035      0.042       0.002       0.093
ln_GDP per capita (constant 2015 US$)    0.1323      0.189      0.700      0.484      -0.238       0.503
==============================================================================
Omnibus:                       82.462   Durbin-Watson:                   1.647
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              368.016
Skew:                           2.335   Prob(JB):                     1.22e-80
Kurtosis:                       9.716   Cond. No.                         118.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 11.323476057093165
LM P-Value: 0.04533049951287436
F Statistic: 2.3645990729211777
F P-Value: 0.04342872127702672

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.038
Model:                           OLS   Adj. R-squared:                  0.005
Method:                Least Squares   F-statistic:                     1.141
Date:               Wed, 30 Aug 2023   Prob (F-statistic):              0.327
Time:                       12:07:35   Log-Likelihood:                -136.82
No. Observations:                 61   AIC:                             279.6
Df Residuals:                     58   BIC:                             286.0
Df Model:                          2
Covariance Type:           nonrobust
==========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                   6.1839      2.016      3.067      0.003       2.148      10.220
Net debt (% of GDP)                    -0.0037      0.004     -0.856      0.396      -0.012       0.005
ln_GDP per capita (constant 2015 US$)  -0.3262      0.238     -1.371      0.176      -0.803       0.150
==============================================================================
Omnibus:                      37.053   Durbin-Watson:                   1.867
Prob(Omnibus):                 0.000   Jarque-Bera (JB):               82.646
Skew:                          1.999   Prob(JB):                     1.13e-18
Kurtosis:                      7.066   Cond. No.                         596.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 7.156068614841553
LM P-Value: 0.20928964731090358
F Statistic: 1.4619429290958974
F P-Value: 0.21721034430155128

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.031
Model:                            OLS   Adj. R-squared:                  0.021
Method:                 Least Squares   F-statistic:                     3.112
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0467
Time:                        12:07:35   Log-Likelihood:                -471.02
No. Observations:                 197   AIC:                             948.0
Df Residuals:                     194   BIC:                             957.9
Df Model:                           2
Covariance Type:            nonrobust
==============================================================================================================
                                                coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------------
const                                         3.9812      1.295      3.074      0.002       1.427       6.536
Net lending/borrowing (overall balance) (% of GDP)    -0.1053      0.042     -2.493      0.014      -0.189      -0.022
ln_GDP per capita (constant 2015 US$)        -0.0565      0.164     -0.345      0.730      -0.379       0.266
==============================================================================
Omnibus:                       94.541   Durbin-Watson:                   1.727
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              323.297
Skew:                           2.023   Prob(JB):                     6.26e-71
Kurtosis:                       7.798   Cond. No.                         59.0
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.067788729586758
LM P-Value: 0.5396979320731247
F Statistic: 0.8054099854400201
F P-Value: 0.5470669239866879

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.798
Model:                            OLS   Adj. R-squared:                  0.597
Method:                 Least Squares   F-statistic:                     3.962
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.202
Time:                        12:07:36   Log-Likelihood:                -9.8668
No. Observations:                   5   AIC:                             25.73
Df Residuals:                       2   BIC:                             24.56
Df Model:                           2
Covariance Type:            nonrobust
==========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------
const                                 -42.2016     34.598     -1.220      0.347    -191.066     106.663
ln_Net official aid received (current US$)     4.0522      1.603      2.528      0.127      -2.844      10.949
ln_GDP per capita (constant 2015 US$)        -3.5046      2.423     -1.446      0.285     -13.930       6.921
==============================================================================
Omnibus:                          nan   Durbin-Watson:                   1.539
Prob(Omnibus):                    nan   Jarque-Bera (JB):                0.506
Skew:                          -0.732   Prob(JB):                        0.776
Kurtosis:                       2.464   Cond. No.                         575.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.0
LM P-Value: 0.2872974951836458
F Statistic: nan
F P-Value: nan

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.041
Model:                            OLS   Adj. R-squared:                  0.034
Method:                 Least Squares   F-statistic:                     6.180
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00235
Time:                        12:07:36   Log-Likelihood:                -845.98
No. Observations:                 295   AIC:                             1698.
Df Residuals:                     292   BIC:                             1709.
Df Model:                           2
Covariance Type:            nonrobust
===================================================================================================
                                         coef    std err          t      P>|t|      [0.025      0.975]
---------------------------------------------------------------------------------------------------
const                                 10.6945      1.681      6.363      0.000       7.386      14.003
Official Exchange Rate (annual %)     -0.0004      0.020     -0.019      0.985      -0.040       0.040
ln_GDP per capita (constant 2015 US$)    -0.7446      0.213     -3.497      0.001      -1.164      -0.326
==============================================================================
Omnibus:                      147.207   Durbin-Watson:                   2.005
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              618.628
Skew:                           2.173   Prob(JB):                    4.64e-135
Kurtosis:                       8.608   Cond. No.                         94.5
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.990514865102915
LM P-Value: 0.4170388649197828
F Statistic: 0.9946287069499695
F P-Value: 0.42123128328110326

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.060
Model:                            OLS   Adj. R-squared:                  0.053
Method:                 Least Squares   F-statistic:                     7.359
Date:                Wed, 30 Aug 2023   Prob (F-statistic):           0.000761
Time:                        12:07:37   Log-Likelihood:                -857.16
No. Observations:                 297   AIC:                             1720.
Df Residuals:                     294   BIC:                             1731.
Df Model:                           2
Covariance Type:                  HC3
==========================================================================================================================
                                                              coef    std err          z      P>|z|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------------
const                                                      11.9662      1.923      6.222      0.000       8.197      15.735
ln_Official exchange rate (LCU per US$, period average)    -0.1992      0.134     -1.483      0.138      -0.462       0.064
ln_GDP per capita (constant 2015 US$)                      -0.8331      0.219     -3.811      0.000      -1.262      -0.405
==============================================================================
Omnibus:                      139.013   Durbin-Watson:                   1.943
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              535.527
Skew:                           2.056   Prob(JB):                    5.15e-117
Kurtosis:                       8.134   Cond. No.                         58.7
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 19.73655078636965
LM P-Value: 0.0014002547583128048
F Statistic: 4.142872993265225
F P-Value: 0.0011903212548333344

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.029
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.651
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0102
Time:                        12:07:37   Log-Likelihood:                -902.50
No. Observations:                 311   AIC:                             1811.
Df Residuals:                     308   BIC:                             1822.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                           coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                   10.2945      1.723      5.976      0.000       6.905      13.684
Oil price                               -0.0024      0.007     -0.345      0.731      -0.016       0.011
ln_GDP per capita (constant 2015 US$)   -0.6476      0.217     -2.981      0.003      -1.075      -0.220
==============================================================================
Omnibus:                      145.910   Durbin-Watson:                   2.017
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              556.491
Skew:                           2.084   Prob(JB):                    1.44e-121
Kurtosis:                       8.057   Cond. No.                         572.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.045681398991027
LM P-Value: 0.5428578849279366
F Statistic: 0.8039846660676393
F P-Value: 0.5475106412427508

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.029
Model:                            OLS   Adj. R-squared:                  0.023
Method:                 Least Squares   F-statistic:                     4.614
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0106
Time:                        12:07:38   Log-Likelihood:                -902.53
No. Observations:                 311   AIC:                             1811.
Df Residuals:                     308   BIC:                             1822.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------
const                                  10.1449      1.697      5.978      0.000       6.806      13.484
Oil price (% change)                   -0.2292      1.063     -0.216      0.829      -2.321       1.862
ln_GDP per capita (constant 2015 US$)  -0.6504      0.217     -2.993      0.003      -1.078      -0.223
==============================================================================
Omnibus:                      145.746   Durbin-Watson:                   2.027
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              552.982
Skew:                           2.084   Prob(JB):                    8.35e-121
Kurtosis:                       8.030   Cond. No.                         53.8
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.7177354304106265
LM P-Value: 0.5907268921414734
F Statistic: 0.7380245702520519
F P-Value: 0.5954539367953773

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.004
Model:                            OLS   Adj. R-squared:                 -0.006
Method:                 Least Squares   F-statistic:                    0.4020
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.670
Time:                        12:07:38   Log-Likelihood:                -459.14
No. Observations:                 190   AIC:                             924.3
Df Residuals:                     187   BIC:                             934.0
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================================
                                                          coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------------------------------
const                                                   3.8542      1.335      2.887      0.004       1.221       6.488
Primary net lending/borrowing (primary balance) (% of GDP)    -0.0434      0.048     -0.895      0.372      -0.139       0.052
ln_GDP per capita (constant 2015 US$)                  -0.0037      0.168     -0.022      0.983      -0.334       0.327
==============================================================================
Omnibus:                       93.060   Durbin-Watson:                   1.635
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              326.805
Skew:                           2.039   Prob(JB):                     1.08e-71
Kurtosis:                       7.964   Cond. No.                         54.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.753787689285626
LM P-Value: 0.7378803548784139
F Statistic: 0.541209275825296
F P-Value: 0.7448724552902819

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.010
Model:                            OLS   Adj. R-squared:                 -0.001
Method:                 Least Squares   F-statistic:                    0.9076
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.405
Time:                        12:07:38   Log-Likelihood:                -473.50
No. Observations:                 186   AIC:                             953.0
Df Residuals:                     183   BIC:                             962.7
Df Model:                           2
Covariance Type:            nonrobust
========================================================================================================
                                          coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------------------------
const                                   6.1983      1.576      3.932      0.000       3.088       9.308
Real interest rate (%)                 -0.0099      0.018     -0.558      0.578      -0.045       0.025
ln_GDP per capita (constant 2015 US$)  -0.2393      0.202     -1.186      0.237      -0.637       0.159
==============================================================================
Omnibus:                       74.499   Durbin-Watson:                   1.477
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              185.292
Skew:                           1.798   Prob(JB):                     5.81e-41
Kurtosis:                       6.313   Cond. No.                         109.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 1.683798067883573
LM P-Value: 0.8909345715226179
F Statistic: 0.32887358684904916
F P-Value: 0.8950773002763736

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.118
Model:                            OLS   Adj. R-squared:                  0.112
Method:                 Least Squares   F-statistic:                     17.55
Date:                Wed, 30 Aug 2023   Prob (F-statistic):           6.05e-08
Time:                        12:07:39   Log-Likelihood:                -887.63
No. Observations:                 311   AIC:                             1781.
Df Residuals:                     308   BIC:                             1792.
Df Model:                           2
Covariance Type:                  HC3
======================================================================================================
                                         coef    std err          z      P>|z|      [0.025      0.975]
------------------------------------------------------------------------------------------------------
const                                  6.7071      1.618      4.145      0.000       3.535       9.879
Real interest rate USA (%)             0.6208      0.113      5.490      0.000       0.399       0.842
ln_GDP per capita (constant 2015 US$)    -0.5749      0.205     -2.799      0.005      -0.977      -0.172
==============================================================================
Omnibus:                      129.106   Durbin-Watson:                   1.927
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              434.811
Skew:                           1.863   Prob(JB):                     3.82e-95
Kurtosis:                       7.434   Cond. No.                         66.5
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 18.702959354103925
LM P-Value: 0.00218296319339147
F Statistic: 3.9031545378608903
F P-Value: 0.0019145699007777643

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.001
Model:                            OLS   Adj. R-squared:                 -0.009
Method:                 Least Squares   F-statistic:                   0.07957
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.924
Time:                        12:07:39   Log-Likelihood:                -482.26
No. Observations:                 201   AIC:                             970.5
Df Residuals:                     198   BIC:                             980.4
Df Model:                           2
Covariance Type:            nonrobust
=====================================================================================================
                                        coef    std err          t      P>|t|      [0.025      0.975]
-----------------------------------------------------------------------------------------------------
const                                 3.8039      1.320      2.882      0.004       1.201       6.407
Revenue (% of GDP)                   -0.0080      0.021     -0.391      0.696      -0.048       0.032
ln_GDP per capita (constant 2015 US$)     0.0223      0.187      0.119      0.905      -0.347       0.391
==============================================================================
Omnibus:                      101.980   Durbin-Watson:                   1.755
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              392.825
Skew:                           2.102   Prob(JB):                     5.00e-86
Kurtosis:                       8.406   Cond. No.                         189.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 3.660086302680688
LM P-Value: 0.599314770266312
F Statistic: 0.7233375303056407
F P-Value: 0.6066626183897241

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.018
Model:                            OLS   Adj. R-squared:                  0.010
Method:                 Least Squares   F-statistic:                     2.205
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.112
Time:                        12:07:40   Log-Likelihood:                -717.86
No. Observations:                 243   AIC:                             1442.
Df Residuals:                     240   BIC:                             1452.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                            coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                    10.0271      2.366      4.238      0.000       5.366      14.688
Short-term debt (% of total external debt)     0.0249      0.026      0.950      0.343      -0.027       0.077
ln_GDP per capita (constant 2015 US$)       -0.6798      0.327     -2.077      0.039      -1.325      -0.035
==============================================================================
Omnibus:                      117.177   Durbin-Watson:                   2.144
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              422.611
Skew:                           2.097   Prob(JB):                     1.70e-92
Kurtosis:                       7.915   Cond. No.                         141.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.603790345010414
LM P-Value: 0.46611786751405504
F Statistic: 0.9153654861765805
F P-Value: 0.4716615042093897

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.019
Model:                           OLS   Adj. R-squared:                  0.010
Method:                Least Squares   F-statistic:                    0.4708
Date:               Wed, 30 Aug 2023   Prob (F-statistic):              0.625
Time:                       12:07:40   Log-Likelihood:                -601.66
No. Observations:                209   AIC:                             1209.
Df Residuals:                    206   BIC:                             1219.
Df Model:                          2
Covariance Type:                 HC3
===========================================================================================================
                                           coef    std err          z      P>|z|      [0.025      0.975]
-----------------------------------------------------------------------------------------------------------
const                                    6.9423      2.570      2.702      0.007       1.906      11.979
Short-term debt (% of total reserves)    0.0029      0.006      0.520      0.603      -0.008       0.014
ln_GDP per capita (constant 2015 US$)   -0.3066      0.343     -0.893      0.372      -0.980       0.366
==============================================================================
Omnibus:                      114.475   Durbin-Watson:                   2.136
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              512.371
Skew:                           2.245   Prob(JB):                    5.50e-112
Kurtosis:                       9.220   Cond. No.                     1.59e+03
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
[2] The condition number is large, 1.59e+03. This might indicate that there are
strong multicollinearity or other numerical problems.
```

White Test Results:

LM Statistic: 9.978876321739097
LM P-Value: 0.07583599352015519
F Statistic: 2.035675264890794
F P-Value: 0.07511341380055689

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.115
Model:                            OLS   Adj. R-squared:                  0.107
Method:                 Least Squares   F-statistic:                     4.964
Date:                Wed, 30 Aug 2023   Prob (F-statistic):            0.00778
Time:                        12:07:40   Log-Likelihood:                -658.68
No. Observations:                 226   AIC:                             1323.
Df Residuals:                     223   BIC:                             1334.
Df Model:                           2
Covariance Type:                  HC3
===========================================================================================================================================
                                                                              coef    std err          z      P>|z|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------------------------------------
const                                                                       8.7839      2.584      3.400      0.001       3.720      13.848
Total debt service (% of exports of goods, services and primary income)    0.0957      0.038      2.518      0.012       0.021       0.170
ln_GDP per capita (constant 2015 US$)                                      -0.6961      0.337     -2.067      0.039      -1.356      -0.036
==============================================================================
Omnibus:                       95.491   Durbin-Watson:                   2.129
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              331.046
Skew:                           1.780   Prob(JB):                     1.30e-72
Kurtosis:                       7.741   Cond. No.                         188.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 23.38845778099321
LM P-Value: 0.00028445933870225806
F Statistic: 5.0791387849530105
F P-Value: 0.00019909359877850013

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.028
Model:                            OLS   Adj. R-squared:                  0.020
Method:                 Least Squares   F-statistic:                     3.798
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0236
Time:                        12:07:41   Log-Likelihood:                -760.31
No. Observations:                 269   AIC:                             1527.
Df Residuals:                     266   BIC:                             1537.
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================
                                                   coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------------------------------------------
const                                           11.7241      2.572      4.559      0.000       6.661      16.787
ln_Total reserves (including gold, current US$)    -0.2150      0.118     -1.828      0.069      -0.447       0.017
ln_GDP per capita (constant 2015 US$)             -0.3374      0.226     -1.496      0.136      -0.781       0.107
==============================================================================
Omnibus:                      149.038   Durbin-Watson:                   1.986
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              743.809
Skew:                           2.339   Prob(JB):                    3.05e-162
Kurtosis:                       9.670   Cond. No.                         225.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 2.2991629011487857
LM P-Value: 0.806389809254648
F Statistic: 0.45345177733957165
F P-Value: 0.8106072687232648

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:             length_db   R-squared:                       0.041
Model:                           OLS   Adj. R-squared:                  0.033
Method:                Least Squares   F-statistic:                     5.113
Date:               Wed, 30 Aug 2023   Prob (F-statistic):            0.00669
Time:                       12:07:41   Log-Likelihood:                -686.84
No. Observations:                243   AIC:                             1380.
Df Residuals:                    240   BIC:                             1390.
Df Model:                          2
Covariance Type:           nonrobust
=========================================================================================================
                                         coef    std err          t      P>|t|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------
const                                  8.4309      1.871      4.505      0.000       4.745      12.117
Total reserves in months of imports   -0.2325      0.087     -2.683      0.008      -0.403      -0.062
ln_GDP per capita (constant 2015 US$)  -0.3713     0.233     -1.592      0.113      -0.831       0.088
==============================================================================
Omnibus:                     138.477   Durbin-Watson:                   1.954
Prob(Omnibus):                 0.000   Jarque-Bera (JB):              708.230
Skew:                          2.363   Prob(JB):                    1.62e-154
Kurtosis:                      9.900   Cond. No.                         63.5
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.305864875075712
LM P-Value: 0.37970313245908227
F Statistic: 1.058074045227956
F P-Value: 0.38438391177463677

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.055
Model:                            OLS   Adj. R-squared:                  0.047
Method:                 Least Squares   F-statistic:                     7.571
Date:                Wed, 30 Aug 2023   Prob (F-statistic):           0.000636
Time:                        12:07:42   Log-Likelihood:                -774.63
No. Observations:                 265   AIC:                             1555.
Df Residuals:                     262   BIC:                             1566.
Df Model:                           2
Covariance Type:            nonrobust
==============================================================================================
                                         coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------
const                                 10.2492      1.946      5.267      0.000       6.417      14.081
Trade (% of GDP)                      -0.0217      0.008     -2.766      0.006      -0.037      -0.006
ln_GDP per capita (constant 2015 US$)    -0.4445      0.263     -1.691      0.092      -0.962       0.073
==============================================================================
Omnibus:                      122.117   Durbin-Watson:                   2.118
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              429.756
Skew:                           2.030   Prob(JB):                     4.78e-94
Kurtosis:                       7.736   Cond. No.                         583.
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 5.683512303377581
LM P-Value: 0.33824228912707327
F Statistic: 1.1353151507257315
F P-Value: 0.34202678275399545

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.016
Model:                            OLS   Adj. R-squared:                  0.006
Method:                 Least Squares   F-statistic:                     1.709
Date:                Wed, 30 Aug 2023   Prob (F-statistic):              0.183
Time:                        12:07:42   Log-Likelihood:                -527.73
No. Observations:                 219   AIC:                             1061.
Df Residuals:                     216   BIC:                             1072.
Df Model:                           2
Covariance Type:            nonrobust
=====================================================================================================================================
                                                          coef    std err          t      P>|t|      [0.025      0.975]
-------------------------------------------------------------------------------------------------------------------------------------
const                                                   5.7804      1.290      4.483      0.000       3.239       8.322
Unemployment, total (% of total labor force) (modeled ILO estimate)    -0.0320      0.035     -0.913      0.362      -0.101       0.037
ln_GDP per capita (constant 2015 US$)                  -0.2138      0.173     -1.239      0.217      -0.554       0.126
==============================================================================
Omnibus:                       66.297   Durbin-Watson:                   1.661
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              123.146
Skew:                           1.575   Prob(JB):                     1.82e-27
Kurtosis:                       4.889   Cond. No.                         81.1
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 4.167527563517227
LM P-Value: 0.5255570072649173
F Statistic: 0.8263958990572244
F P-Value: 0.5321145825249038

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.048
Model:                            OLS   Adj. R-squared:                  0.034
Method:                 Least Squares   F-statistic:                     3.297
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0401
Time:                        12:07:42   Log-Likelihood:                -334.92
No. Observations:                 133   AIC:                             675.8
Df Residuals:                     130   BIC:                             684.5
Df Model:                           2
Covariance Type:            nonrobust
==================================================================================================================================
                                                                coef    std err          t      P>|t|      [0.025      0.975]
----------------------------------------------------------------------------------------------------------------------------------
const                                                         7.8657      2.033      3.868      0.000       3.843      11.889
Unemployment, total (% of total labor force) (national estimate)     0.0824      0.043      1.907      0.059      -0.003       0.168
ln_GDP per capita (constant 2015 US$)                        -0.5220      0.251     -2.078      0.040      -1.019      -0.025
==============================================================================
Omnibus:                       41.781   Durbin-Watson:                   1.971
Prob(Omnibus):                  0.000   Jarque-Bera (JB):               72.344
Skew:                           1.489   Prob(JB):                     1.95e-16
Kurtosis:                       5.047   Cond. No.                         97.7
==============================================================================

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```

White Test Results:

LM Statistic: 6.295270389204606
LM P-Value: 0.2785386974726773
F Statistic: 1.261988154483014
F P-Value: 0.28445001959233984

Regression Summary:

```
                            OLS Regression Results
==============================================================================
Dep. Variable:              length_db   R-squared:                       0.027
Model:                            OLS   Adj. R-squared:                  0.018
Method:                 Least Squares   F-statistic:                     3.251
Date:                Wed, 30 Aug 2023   Prob (F-statistic):             0.0406
Time:                        12:07:43   Log-Likelihood:                -677.44
No. Observations:                 230   AIC:                             1361.
Df Residuals:                     227   BIC:                             1371.
Df Model:                           2
Covariance Type:                  HC3
=========================================================================================================
                                            coef    std err          z      P>|z|      [0.025      0.975]
---------------------------------------------------------------------------------------------------------
const                                    10.5537      2.360      4.471      0.000       5.927      15.180
ln_Use of IMF credit (DOD, current US$)    -0.0270      0.027     -1.010      0.312      -0.079       0.025
ln_GDP per capita (constant 2015 US$)      -0.6775      0.305     -2.220      0.026      -1.276      -0.079
==============================================================================
Omnibus:                      115.207   Durbin-Watson:                   2.129
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              437.743
Skew:                           2.141   Prob(JB):                     8.82e-96
Kurtosis:                       8.229   Cond. No.                         182.
==============================================================================

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)
```

White Test Results:

LM Statistic: 11.01608441765541
LM P-Value: 0.05106200784353548
F Statistic: 2.2536841603116877
F P-Value: 0.050062218224735104